

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	356/614-617,619	US-PGPUB; USPAT	OR	ON	2006/05/02 12:39
S2	0	356/614,615,616,617,619	US-PGPUB; USPAT	OR	ON	2006/05/02 12:39
S3	1160	356/614,615,616,617,619.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/02 14:00
S4	89	356/619.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/02 12:57
S16	337	356/614,615,616,617,619.ccls. AND curv\$	US-PGPUB; USPAT	OR	ON	2006/05/02 13:54
S17	14	(US-5636025-\$ or US-5253531-\$ or US-5138154-\$ or US-4867568-\$ or US-4793067-\$ or US-4778273-\$ or US-4630928-\$ or US-4636079-\$ or US-4519709-\$ or US-4477189-\$ or US-4444504-\$ or US-4395630-\$ or US-3833807-\$ or US-3371335-\$). did.	USPAT	OR	ON	2006/05/02 13:52
S18	3	S17 AND curv\$	US-PGPUB; USPAT	OR	ON	2006/05/02 13:53
S19	365	356/614,615,616,617,619.ccls. AND (curv\$ OR non-linear OR nonlinear OR ("not" ADJ linear))	US-PGPUB; USPAT	OR	ON	2006/05/02 13:55
S20	239	S19 and (rail or track or path)	US-PGPUB; USPAT	OR	ON	2006/05/02 13:57
S21	0	S20 and quad&	US-PGPUB; USPAT	OR	ON	2006/05/02 13:57
S22	13	S20 and quadrature	US-PGPUB; USPAT	OR	ON	2006/05/02 13:58
S23	5932	"356" AND curv\$ AND track AND linear	US-PGPUB; USPAT	OR	ON	2006/05/02 14:00
S24	2315	"356" AND curv\$ AND track AND linear AND displacement	US-PGPUB; USPAT	OR	ON	2006/05/02 14:01
S25	55	"356" AND dolly AND displacement	US-PGPUB; USPAT	OR	ON	2006/05/02 14:02
S26	1	("7039699").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/04 12:42
S27	15	("3613546").URPN.	USPAT	OR	ON	2006/05/04 16:18
S28	18	("4699484").URPN.	USPAT	OR	ON	2006/05/04 16:32
S30	1141	(curve near2 (track or rail)) AND (sensor or detector)	US-PGPUB; USPAT	OR	ON	2006/05/09 11:07

## EAST Search History

S31	149603	(curve near("3") (track or rail)) AND (sensor or detector) AND (distance or displacement or location)	US-PGPUB; USPAT	OR	ON	2006/05/09 11:07
S32	1298	(curve near3 (track or rail)) AND (sensor or detector) AND (distance or displacement or location)	US-PGPUB; USPAT	OR	ON	2006/05/09 11:08
S33	1011	(curve near2 (track or rail)) AND (sensor or detector) AND (distance or displacement or location)	US-PGPUB; USPAT	OR	ON	2006/05/09 11:09
S34	414	(curve near2 (track or rail)) AND (sensor or detector) AND (distance or displacement or location) AND optical	US-PGPUB; USPAT	OR	ON	2006/05/09 11:09
S35	223	33/707.ccls.	US-PGPUB; USPAT	OR	ON	2006/05/09 14:50
S36	41	33/707.ccls. AND curv\$	US-PGPUB; USPAT	OR	ON	2006/05/09 14:57
S37	1	2002/0018220	US-PGPUB; USPAT	OR	ON	2006/05/09 14:59
S38	8770228	US 2002/0018220 A1	US-PGPUB; USPAT	OR	ON	2006/05/09 15:01
S39	0	("US20020018220").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/09 15:02
S40	1	("20020018220").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/09 15:02
S41	41	(US-20020102910-\$ or US-20030001051-\$ or US-20030006346-\$ or US-20050081736-\$ or US-20020018220-\$).did. or (US-6220172-\$ or US-4699484-\$ or US-6523957-\$ or US-5636025-\$ or US-5253531-\$ or US-4867568-\$ or US-4778273-\$ or US-4636079-\$ or US-4519709-\$ or US-4477189-\$ or US-4444504-\$ or US-5138154-\$ or US-4793067-\$ or US-4630928-\$ or US-4395630-\$ or US-3833807-\$ or US-3371335-\$ or US-4733740-\$ or US-4766461-\$ or US-4989193-\$ or US-5296090-\$ or US-5307332-\$ or US-5457370-\$ or US-5595121-\$ or US-6158132-\$ or US-6181658-\$). did. or (US-6220099-\$ or US-6466393-\$ or US-6655015-\$ or US-6695668-\$ or US-2845710-\$ or US-3600811-\$ or US-3816002-\$ or US-5404226-\$ or US-5430547-\$ or US-6791699-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/09 15:49

## EAST Search History

S42	0	S41 and TTL	US-PGPUB; USPAT	OR	ON	2006/05/09 15:49
S43	4	S41 and transistor	US-PGPUB; USPAT	OR	ON	2006/05/09 15:53
S44	1	("6963064").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/11 10:53
S45	14	("3562726"   "4964727"   "4977316"   "5013910"   "5069547"   "5237391"   "5332895"   "5438193"   "6084234"   "6160499"   "6175109"   "6518893"   "6727493").PN. OR ("6963064"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 13:13
S46	0	2003/0230708	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 13:13
S47	1	"20030230708"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 13:13
S48	343066	encoder strip	DERWENT	OR	ON	2006/05/11 16:47
S49	341	encoder AND strip	DERWENT	OR	ON	2006/05/11 16:47
S53	1	("3055113").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/12 11:07